

Message Text

PAGE 01 STATE 116712

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ORIGIN NRC-07

INFO OCT-01 EA-10 ISO-00 ERDA-07 OES-05 /030 R

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EA/J-CDUNKERLEY

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R 192323Z MAY 75

FM SECSTATE WASHDC

TO AMEMBASSY TOKYO

UNCLAS STATE 116712

ATTN: HENOCH, SCIREP:ERDA

E.O. 11652: N/A

TAGS: TECH, JA

SUBJ: STATUS OF KEPCO'S MIHAMA UNIT 1

1. SUMMARY:

MIHAMA UNIT 1 SHUT DOWN SPRING 1973 FOR REPLACEMENT OF TUBING IN STEAM GENERATORS. REQUEST STATUS OF UNIT 1 AND STEAM GENERATOR OPERATING DETAILS. END SUMMARY.

2. KEPCO'S UNIT 1, A WESTINGHOUSE PWR INCORPORATING STEAM GENERATORS FABRICATED BY COMBUSTION ENGINEERING COMPANY, SHUT DOWN APRIL-MAY 1973 BECAUSE OF STEAM GENERATOR TUBE LEAKS CAUSED BY SLUDGE DEPOSITS AT FLOW STARVED REGIONS OF THE SECONDARY COOLANT SYSTEM SIDE OF THE STEAM GENERATOR HEADERS. THE ORIGIN OF THE SLUDGE IS BELIEVED TO BE PRECIPITATES OF PHOSPHATES USED TO INHIBIT CORROSION OF THE SECONDARY COOLANT SYSTEM. THE PLANT WAS SHUT DOWN TO RETUBE THE STEAM GENERATORS.

3. DID UNIT 1 RETART USING PHOSPHATES TO INHIBIT SECONDARY COOLANT SYSTEM?

UNCLASSIFIED

PAGE 02 STATE 116712

4. IF NOT, DID UNIT 1 RESTART USING VOLATILE TREATMENT TO INHIBIT SECONDARY COOLANT SYSTEM CORROSION; THAT IS, MORPHOLINE FOR PH CONTROL AND HYDRAZINE FOR OXYGEN CONTROL?

5. REQUEST IDENTIFICATION OF CORROSION INHIBITOR USED IN SECONDARY COOLANT SYSTEM SINCE RESTART OF UNIT 1.

6. REQUEST PRINCIPLE RESULTS OF ANY STEAM GENERATOR INSPECTIONS PERFORMED SINCE RESTART OF UNIT 1 WITH REFITTED STEAM GENERATORS. THE MOST RECENT STEAM GENERATOR INSPECTION RESULTS RELATED TO STEAM GENERATOR SECONDARY COOLANT SIDE COOROSION ARE OF PRIMARY INTEREST.

7. IF RETUBING INVOLVED MORE THAN REPLACEMENT OF CORROSION AFFECTED TUBES WAS ORIGINAL INCONEL 600 TUBING REPLACED WITH INCONEL 800 TUBIN.

8. NRC HAS CONSIDERABLE INFORMATION RELATED TO THE ABOVE AND WOULD WELCOME TECHNICAL INFORMATION EXCHANGE DISCUSSIONS AS AN AGENDA ITEM DURING THE ANNUAL USNRC-JAEB-ANDRE AGREEMENT MEETING.

9. NRC REQUESTED A REPORT ON THE MIHAMA STEAM GENERATORS THROUGH MR. KENICHI MRAKAMI, JAPANESE EMBASSY WASHINGTON, SOME MONTHS AGO. MURAKAMI HAS BEEN UNABLE TO OBTAIN THIS INFORMATION. PLEASE SUPPLY APPROACH JAEB (OR OTHER POSSIBLE SOURCES MATTER-OF-FACTLY. YOU NEED NOT MENTION EARLIER REQUESTS. INGERSOLL

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<< END OF DOCUMENT >>

Message Attributes

Automatic Decaptioning: X
Capture Date: 26 AUG 1999
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: ELECTRIC GENERATORS
Control Number: n/a
Copy: SINGLE
Draft Date: 19 MAY 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975STATE116712
Document Source: ADS
Document Unique ID: 00
Drafter: USNRC/ISP:RASTELLA
Enclosure: n/a
Executive Order: N/A
Errors: n/a
Film Number: D750176-0552
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t197505103/baaaakcp.tel
Line Count: 79
Locator: TEXT ON-LINE, TEXT ON MICROFILM
Office: ORIGIN NRC
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators:
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: CunninFX
Review Comment: n/a
Review Content Flags:
Review Date: 23 JUL 2003
Review Event:
Review Exemptions: n/a
Review History: RELEASED <23 JUL 2003 by SilvaL0>; APPROVED <09 FEB 2004 by CunninFX>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
05 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: <DBA CORRECTED> jms 971015
Subject: n/a
TAGS: TECH, JA
To: TOKYO
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006